

# Investing in a connected future

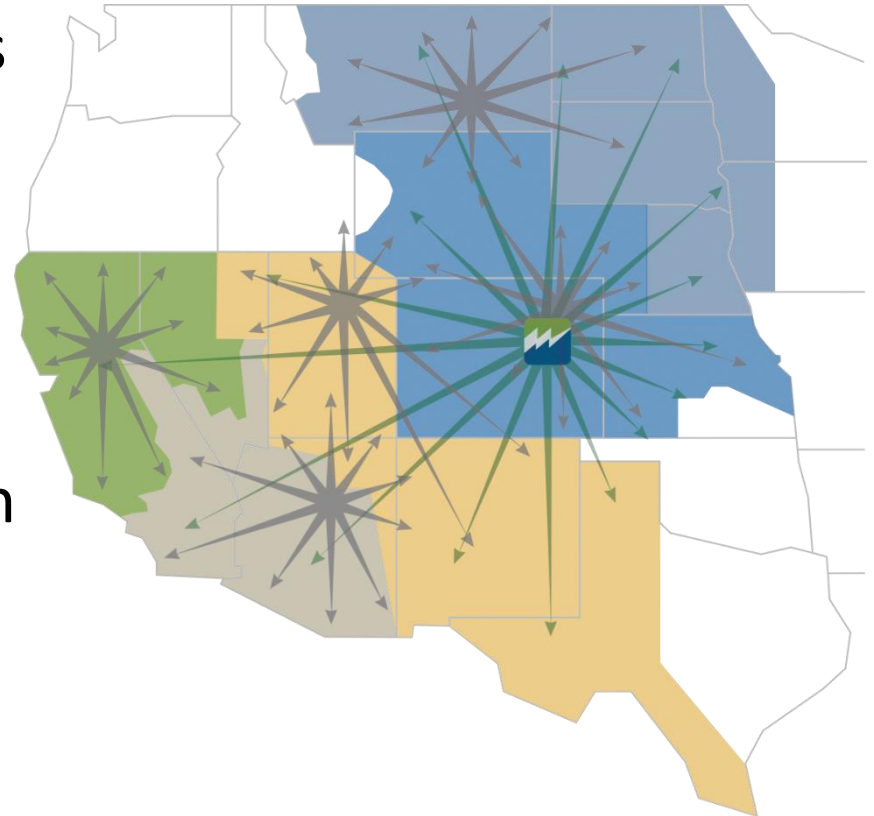
Dawn Roth Lindell

Senior VP & acting SN Regional Manager

SMUD Board Meeting, Nov. 15

# Who we are

- Serve 40 million Americans
- 15-state footprint
- 1.4 million square miles
- 49 offices
- ~700 customers
- Top-10 largest transmission utility in country



# Distributed Generation



# Storage alternatives



*Photos courtesy of Bureau of Reclamation*





# Societal changes and technology enablers



# Future of transmission?



# Transmission buildouts in the West

## SLTP

- Duke American
- 85-mile, 230-kV line
- Northern CA
- Will power Reclamation's San Luis Pumping Plant
- 600 MW

## Southline

- Hunt Power
- 360-mile line
  - New 345-kV line
  - Upgrade 115 to 230
- Interconnects with 14 existing substations
- Between NM and AZ
- 1,000 MW

## SunZia

- SunZia
- 500-mile, 500-kV line
- Enables delivery of primarily wind energy
- From NM to AZ
- 3,000 MW

## CoSu

- SMUD
- 71-mile, 500-kV line
- Increase reliability & capacity of Northern California grid
- Colusa to Sutter counties

# High voltage direct current

Existing and planned high-voltage direct current power lines



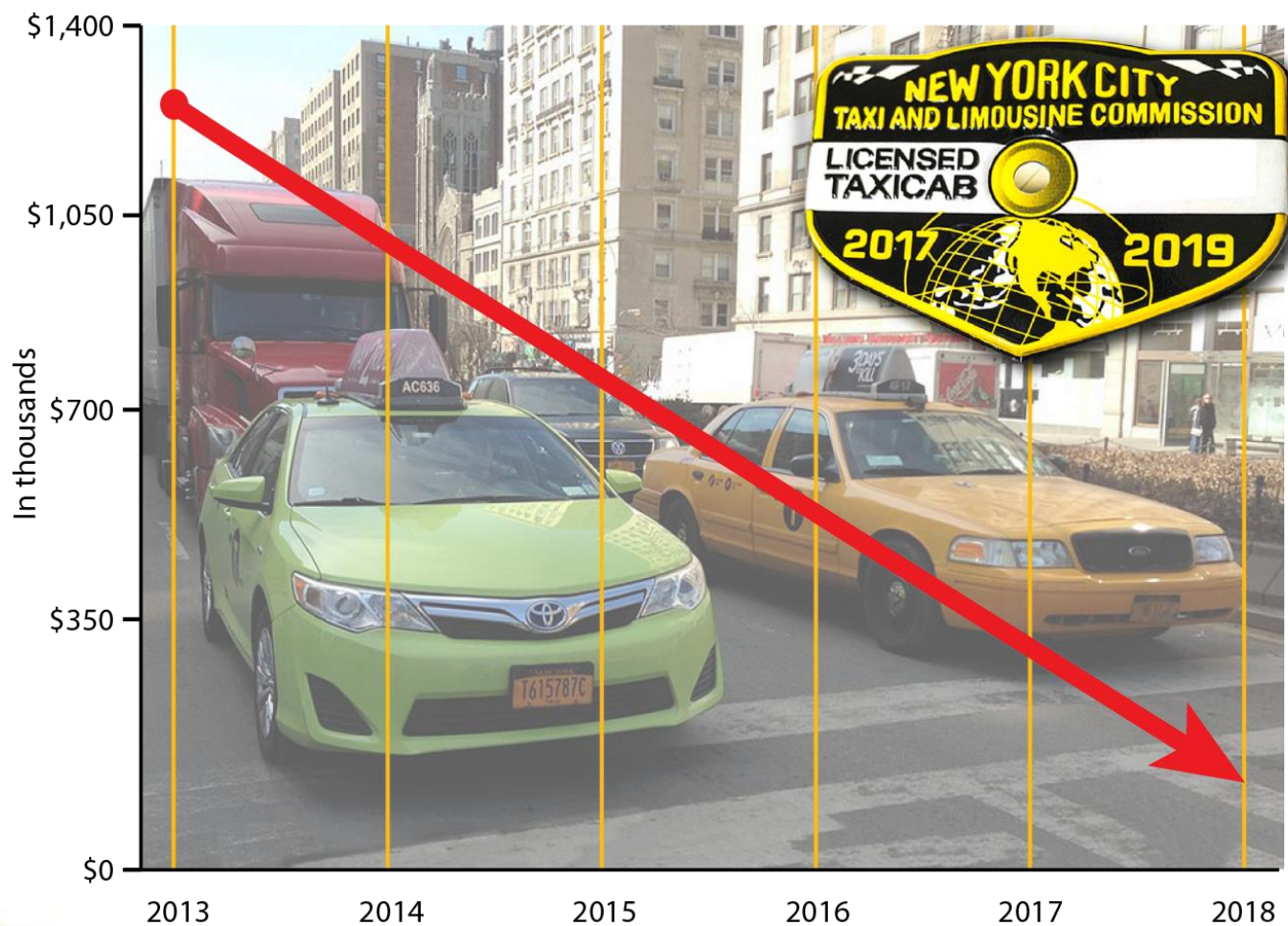


# USVI solar farm (after)

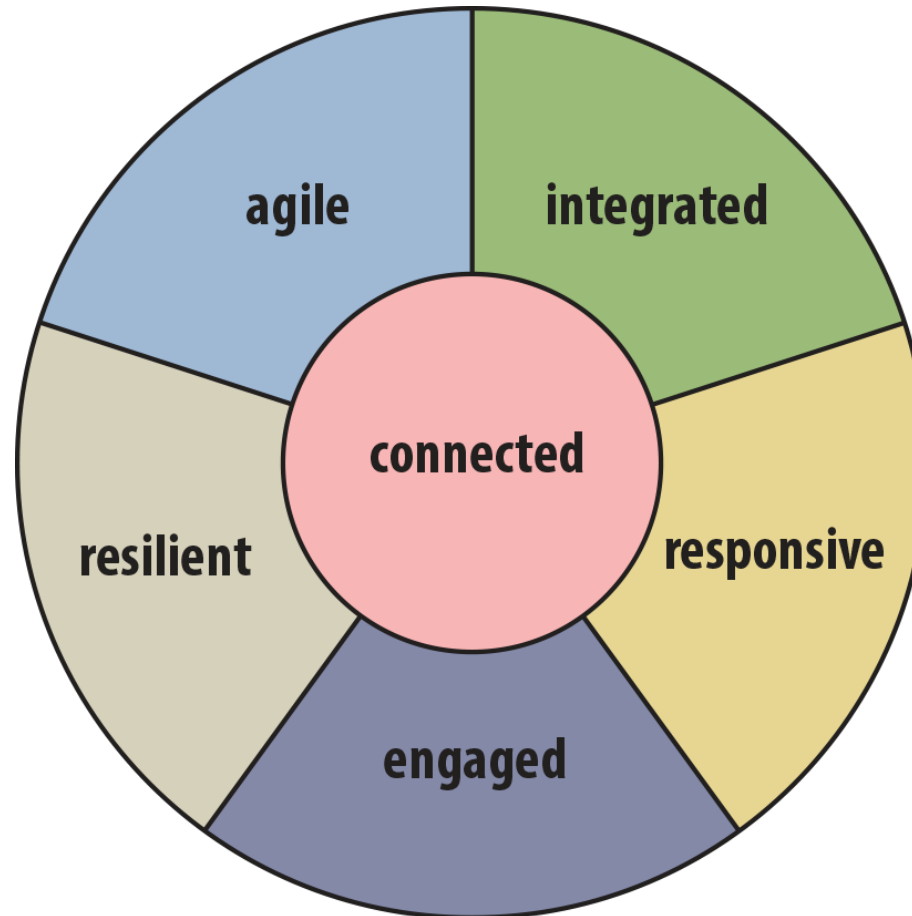




# Economics matters



# A connected WAPA



# Contact/follow me

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